

What Is Claimed Is:

1. A dry toner for developing electrostatic images, comprising a colorant and a binder resin,

wherein said binder resin comprises a copolymer  
5 resin having

(A) a polyol resin moiety having a main chain of polyoxyalkylene and obtained by reaction of

(a) an epoxy resin,

(b) a dihydric phenol, and

10 (c) an alkylene oxide adduct of a dihydric phenol or a glycidyl ether thereof; and

(B) a polyester resin moiety obtained by reacting an alkylene oxide adduct of a dihydric phenol or a glycidyl ether thereof with a polycarboxylic acid,

15 wherein the weight ratio of said epoxy resin of said polyol resin moiety to said polyester resin moiety is 95:5 to 60:40,

wherein said epoxy resin of said epoxy resin moiety includes at least two kinds of bisphenol epoxy resins

20 having different number-average molecular weights, and

wherein said binder resin has an acid value of not greater than 5.

2. A dry toner as claimed in claim 1, wherein said  
25 binder resin has an epoxy value of at least 20,000.

3. A dry toner as claimed in claim 1, wherein said binder resin has an acid value of not greater than 1.

30 4. A dry toner as claimed in claim 1, wherein said polycarboxylic acid of said polyester resin moiety is a dicarboxylic acid.

5. A dry toner as claimed in claim 1, wherein said  
35 epoxy resin of said epoxy resin moiety is a mixture of a

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lower molecular weight epoxy resin having a number-average molecular weight of 360 to 2,000 and a higher molecular weight epoxy resin having a number-average molecular weight of 3,000 to 10,000.

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6. A dry toner as claimed in claim 1, wherein said polyester resin moiety has a number-average molecular weight of 500 to 2,000.

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7. A dry toner as claimed in claim 1, wherein said copolymer resin is obtained by reaction of

(a) an epoxy resin,

(b) a dihydric phenol,

15 (c) an alkylene oxide adduct of a dihydric phenol or a glycidyl ether thereof,

(d) a polyester resin obtained by reacting an alkylene oxide adduct of a dihydric phenol or a glycidyl ether thereof with a polycarboxylic acid, and

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(e) a monohydric phenol or a monocarboxylic acid.

8. A full color image forming apparatus comprising a toner vessel containing a dry toner according to claim 1.

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